PHILIPS

MC-10

Micro HiFi System

Toll Free Help Line
Ligne d'assistance en service libre
Linea de ayuda telefónica sin cargo
800-531-0039

Let's make things better.

PHILIPS

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- *Once your Philips purchase is registered, you're eligible to receive all the privileges of owning a Philips product.*
- *So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.*

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Philips warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

PHILIPS

REGISTRATION NEEDED WITHIN 10 DAYS Hurry!

Congratulations on your purchase, and welcome to the "family!"

Dear Philips product owner:

Thank you for your confidence in Philips . You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the Philips "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome–and thanks for investing in a Philips product.

Sincerely,

Robert Minkhorst
President and Chief Executive Officer

P.S. Remember, to get the most from your Philips product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Know these safety *symbols*

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lighting" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

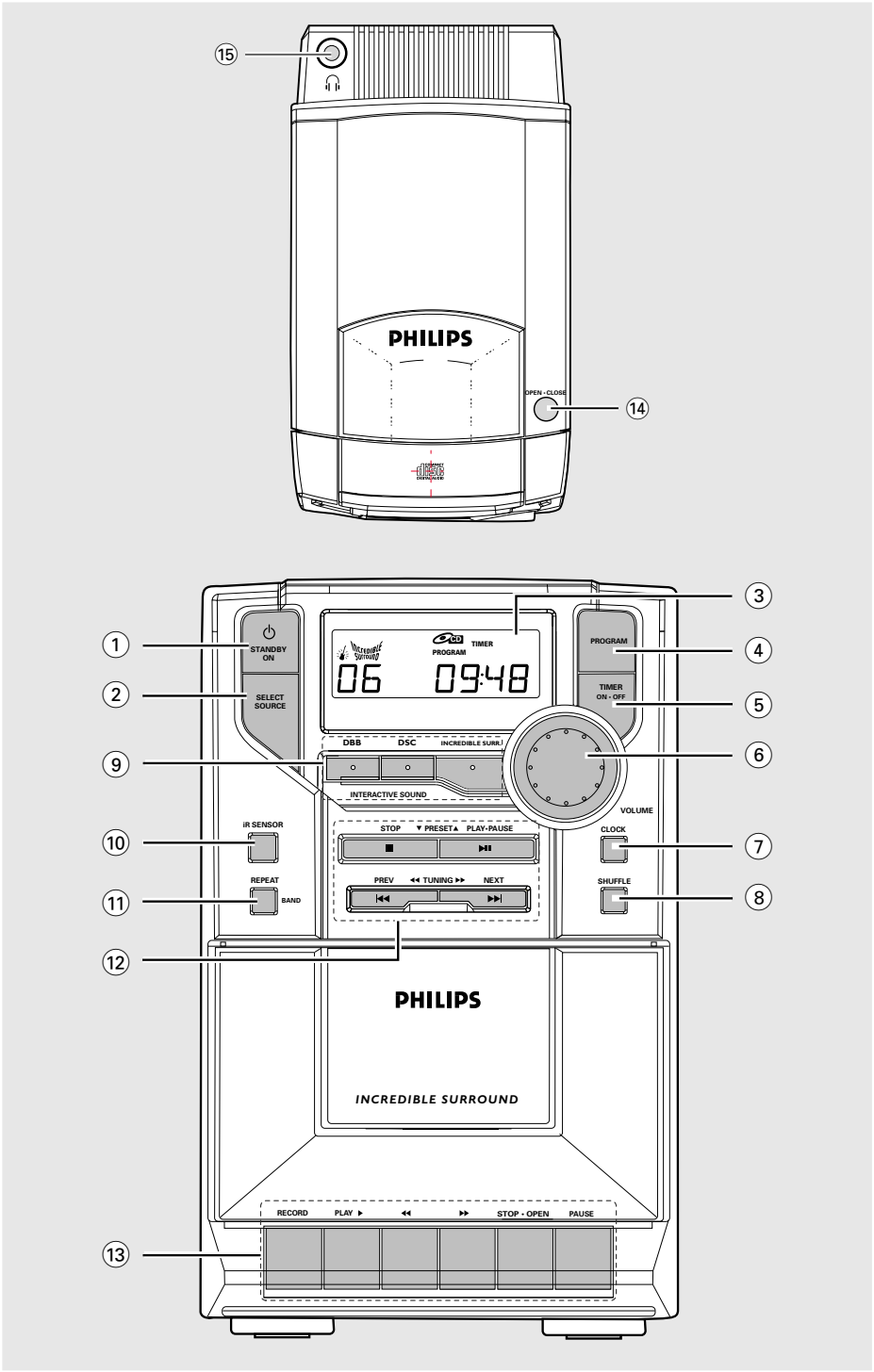
For Customer Use
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference .

Model No. _____

Serial No. _____

MA C5097

PHILIPS *Visit our World Wide Web Site at http://www.philipsusa.com*



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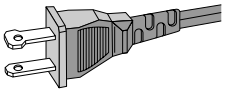
Important Safety Instruction

– Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read these instructions** – All the safety and operating instructions should be read before the appliance is operated.
2. **Keep these instructions** – The safety and operating instructions should be retained for future reference.
3. **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow all instructions** – All operating and use instructions should be followed.
5. **Do not use this apparatus near water** – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
6. **Clean only with a damp cloth.** The appliance should be cleaned only as recommended by the manufacturer.
7. **Install in accordance with the manufacturers instructions. Do not block any of the ventilation openings.** For example, the appliance should not be situated on a bed, sofa, rug, or similar surface or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
8. **Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. **Do not defeat the safety purpose** of the polarized or grounding-type plug.



A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. **Protect the power cord** from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. **Only use attachments/accessories** specified by the manufacturer.
12. **Use only with a cart,** stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. **Unplug this apparatus** during lightning storms or when unused for long periods of time.
14. **Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

EL 4562-E004: 99/3

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Español

Read this first!

Congratulations on your purchase of this Philips product! Everything you need to get started is in this box.

If you have any problems, Philips Representatives can help you get the most from your new product by explaining:

- ☑ *Hookup*
- ☑ *First Time Setup*
- ☑ *Feature Operation*

Do not attempt to return this product to the store.

For Fast Help, Call Us First!

1-800-531-0039

Thank you for making Philips part of your home!

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CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.

This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

AVIS

RISQUE DE CHOCS ÉLECTRIQUES NE PAS OUVRIR

Attention: Afin de prévenir le risque de chocs électriques, ne pas retirer les vis. Toute réparation devrait être confiée à un personnel qualifié.

Ce symbole indique la présence d'une tension suffisamment élevée pour engendrer un risque de chocs électriques.

Ce symbole indique que le manuel d'installation fourni avec l'appareil contient d'importantes recommandations quant au fonctionnement et à l'entretien de ce dernier.

AVISO

RIESGO DE CHOQUE ELÉCTRICO NO ABRIR

Atención: Para reducir el riesgo de choque elécrico, no quite la tapa (o el panel posterior). En su interior no hay piezas que el usuario pueda reparar. Para servicio dirijase a personal calificado.

Este símbolo tiene por finalidad advertir al usuario de la presencia de tensión peligrosa no aislada dentro de la caja del aparato, que puede ser lo suficientemente fuerte para constituir un peligro de choque eléctrico.

Este símbolo sirve para advertir al usuario de la presencia de instrucciones de manejo y mantenimiento (servicio) importantes en el manual que acompaña al aparato.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

ATTENTION

L'utilisation des commandes ou réglages ou le non-respect des procédures ci-incluses peuvent se traduire par une exposition dangereuse à l'irradiation.

ATENCIÓN

El uso de mando o ajustes o la ejecucción de métodos que no sean los aquí descritos puede ocasionar peligro de exposición a radiación.

Canada

English:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français:

Cet appareil numérique n'emet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Class B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

This warning label is located on the rearside and inside this laser product.

CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.

DANGER: INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.

VARO! AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINANAKYMATTOMAALLE LASERSATEILYLLE. ALA KATSO SATEESEEN.

VARNING! OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.

or

DANGER - Invisible laser radiation when open. AVOID DIRECT EXPOSURE TO BEAM.

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General Information

- ***The type plate (which contains the serial number) is located at the rear of the system.***
- ***Recording is permissible if copyright or other rights of third parties are not infringed.***
- ***This device complies with the Federal Communications Commission (FCC) rules, part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:***
  – This device may not cause harmful interference, and
  – This device must accept any interference received, including interference that may cause undesired operation.

Environmental Information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Supplied accessories

– 2 speaker boxes
– remote control
– AM frame aerial
– FM aerial wire

Safety Information

- Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) of your system is identical with the voltage of your local power supply. If not, please consult your dealer. The typeplate is located at the rear of your system.
- When the system is switched on, do not move it around.
- Place the system on a solid base (e.g. a cabinet).
- Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
- Do not expose the system to excessive moisture, rain, sand or heat sources.
- Under no circumstances should you repair the system yourself, as this will invalidate the warranty!
- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the CD unit inside the system. Should this occur, the CD player will not operate normally. Leave the power on for about one hour with no disc in the system until normal playback is possible.
- Electrostatic discharge may cause unexpected problems. See whether these problems disappear if you unplug the AC power cord and plug it in again after a few seconds.
- **To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

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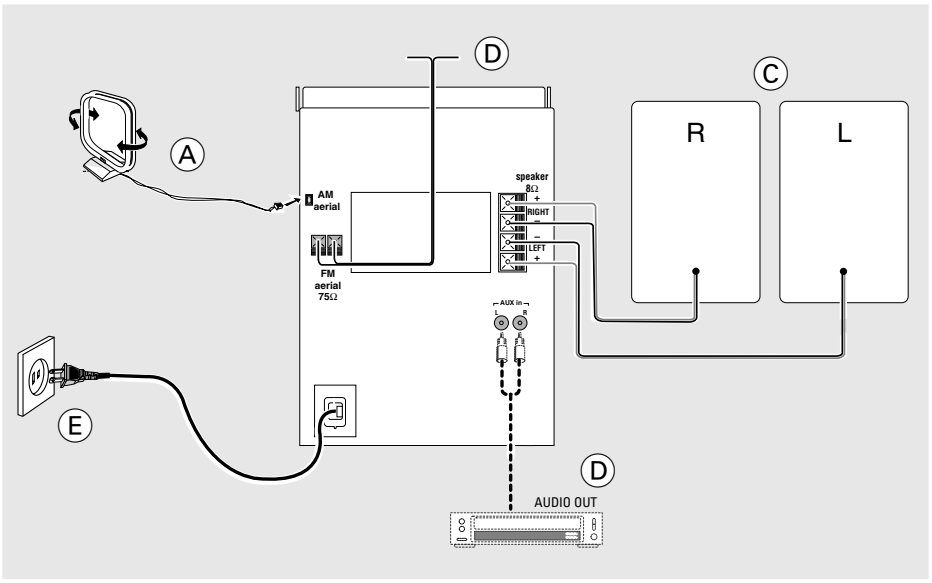
English



Rear Connections

Ⓐ AM Loop Antenna Connection

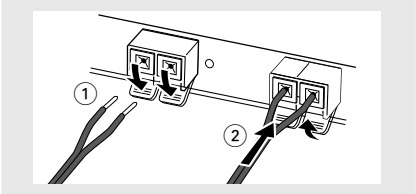
Connect the supplied loop antenna to the AM ANTENNA terminal. Place the AM loop antenna far away from the system and adjust its position for the best reception.

Ⓑ FM Wire Antenna Connection

Connect the supplied FM wire antenna to the FM AERIAL (FM ANTENNA) 75 Ω terminal. Adjust the position of the FM antenna for the best reception.

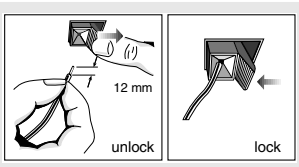
Outdoor Antenna

For better FM stereo reception, connect an outdoor FM antenna to the FM AERIAL (FM ANTENNA) 75 Ω terminal using a 75 Ω dipole wire.



Ⓒ Speakers Connection

- Connect the right speaker to terminal marked RIGHT, with the colored wire to + and the black wire to −.
- Connect the left speaker to terminal marked LEFT, with the colored wire to + and the black wire to −.
- Clip the stripped portion of the speaker wire as shown.



CAUTION:

– For optimal sound performance, it is recommended to use the supplied speakers.

– Do not connect more than one speaker to any one pair of + / − speaker terminal.

– Do not connect speakers with impedance lower than the speakers supplied. Please refer to SPECIFICATION section of this manual.

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Preparation

Ⓓ **Connecting other equipment to your system**

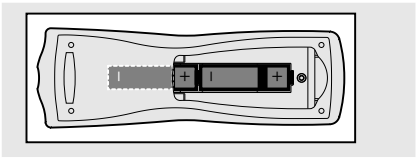
You can connect the audio left and right OUT terminals of a TV,VCR, Laser Disc player, DVD player or CD Recorder to the AUX IN terminals at the rear of the system.

Ⓔ **AC Power Supply**

After all other connections have been made, connect the AC power cord of the system to the wall outlet.

Inserting batteries into the Remote Control

- Insert batteries (Type R06 or AA) into the remote control as shown in the battery compartment.



- To avoid damage from possible battery leakage, remove dead batteries or batteries that will not be used for a long time.

Batteries contain chemical substances, so they should be disposed off properly.

Controls *(illustration on page 3)*

Controls on the system and remote control

① **STANDBY ON** ⏻
– switches the system to standby/on.
– *on the remote control only* - switches the system to standby.

② **SELECT SOURCE**
– selects the respective sound source for CD/ TUNER/ TAPE /AUX.
– switches on the system.

③ **Display**
– shows the status of the system.

④ **PROGRAM**
for CD ..... programs tracks and reviews the program.
for Tuner ..... programs tuner stations manually or automatically.

⑤ **TIMER ON•OFF**
– activates/deactivates or sets *(on the system only)* the timer function.

⑥ **VOLUME (−/+)**
– adjusts the volume level.
– *on the system only* - adjusts the hour and minutes for the clock/timer functions.

⑦ **CLOCK**
– sets the clock function.

⑧ **SHUFFLE**
– plays CD tracks in random order.

⑨ **INTERACTIVE SOUND controls:**
DBB ..... (Dynamic Bass Boost) enhances the bass.
DSC ..... (Digital Sound Control) selects sound characteristics: OPTIMAL/ ROCK/JAZZ/POP.
INCREDIBLE SURROUND ..... creates a super-enhanced stereo effect.

⑩ **iR SENSOR**
– infrared sensor for remote control.

⑪ **REPEAT/BAND**
for CD ..... repeats a track/CD program/ entire CD.
for Tuner ..... selects waveband.

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English

⑫ **Mode Selection**

STOP ■ ..... stops CD playback or erase a CD program.

PLAY•PAUSE ▶II

(▶, SIDE/ II)…starts or interrupts CD play.

PRESET ▼▲

(|◀, ▶|) ..... selects a preset radio station.

PREV |◀◀ / NEXT ▶▶|

(|◀, ▶|) ..... skips to the beginning of a current track/previous/ subsequent track.

(◀◀, ▶▶) ..... fast searches back and forward within a track/CD.

TUNING ◀◀ ▶▶

(◀◀, ▶▶) ..... tunes to radio stations.

⑬ **Tape Deck Operation**

RECORD ..... starts recording.

PLAY ▶ ..... starts playback.

◀◀ / ▶▶ ..... fast rewinds/winds the tape.

STOP•OPEN …stops the tape; opens the tape compartment.

PAUSE ..... interrupts recording or playback.

⑭ **OPEN•CLOSE**

– opens/closes the CD door.

⑮ 🎧

– connect headphones.

⑯ **MUTE**

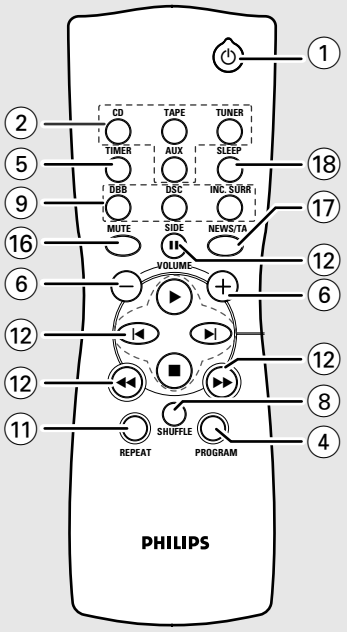
– interrupts and resumes sound reproduction.

⑰ **NEWS/TA**

– activates RDS news and Traffic Announcement *(not available for this version)*.

⑱ **SLEEP**

– activates/deactivates or selects the sleeper time.



Notes for remote control:

– First select the source you wish to control by pressing one of the source select keys on the remote control (e.g. CD , TUNER, etc.).

– Then select the desired function (▶, |◀, ▶|, etc.).

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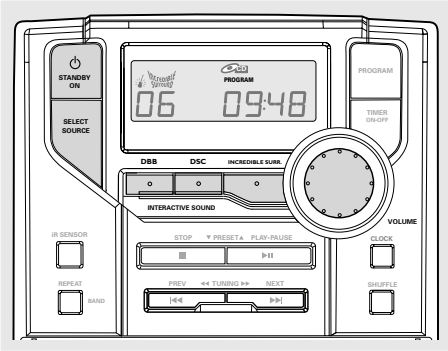
Basic Functions



IMPORTANT:
Before you operate the system, complete the preparation procedures.

Switching on

There are 3 ways to switch the system on:

- press ⏻ **STANDBY ON** on the system and the last selected source switches on;
- press **SELECT SOURCE** on the system and the last selected source switches on;
- press **CD**, **TUNER**, **TAPE** or **AUX** on the remote control.

To switch the system to standby, press ⏻ **STANDBY ON** once on the system (⏻ on the remote control).

- If in tape mode or recording mode, press **STOP•OPEN** first.
  ➜ The volume level, interactive sound settings, last selected source and tuner presets will be retained in the player's memory.

Power-saving automatic standby

As a power-saving feature, the system automatically switches to standby 15 minutes after a tape or CD has reached the end and no control is operated.

Adjusting volume and sound

1 Turn the **VOLUME** control anti-clockwise to decrease or clockwise to increase volume on the system (or press **VOLUME** −/+ on the remote control).
➜ Display shows the volume level VOL and a number from 0-32.

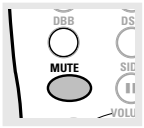
2 Press the Interactive sound control, **DSC** on the system or remote control once or more to select the desired sound effect: OPTIMAL (no indication)/ ROCK ( ) / JAZZ ( ) / POP ( ).

3 Press **DBB** to switch bass enhancement on or off.
➜ Display shows: DBB if the DBB is activated.

4 Press **INCREDIBLE SURROUND** (**INC. SURR.** on the remote control) to switch the surround sound effect on or off.
➜ Display shows: INCREDIBLE SURROUND if activated.

Note:
– The effect of INCREDIBLE SURROUND may vary with different types of music.

5 Press **MUTE** on the remote control to interrupt sound reproduction instantly.
➜ Playback will continue without sound and the display shows MUTE.



- To activate sound reproduction you can:
  – press **MUTE** again;
  – adjust the volume controls;
  – change source.

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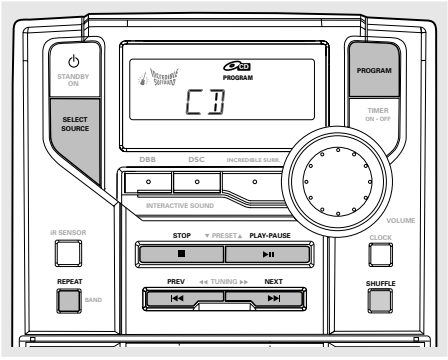
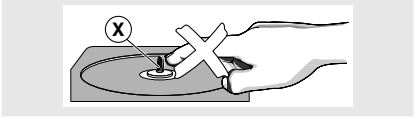
English



IMPORTANT:
The lens of the CD player should never be touched.



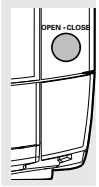
Playing a disc

This CD player plays Audio Discs including CD-Recordables and CD-Rewritables.

- CD-ROM, CD-I, CDV, VCD, DVD or computer CDs, however, are not possible.

1 Select **CD** source.

2 Press **OPEN•CLOSE** on the top of the system to open the CD compartment.
➜ OPEN is displayed when you open the CD compartment.



3 Insert a disc with the printed side facing up and press down on **OPEN•CLOSE** to close the CD door.
➜ READ is displayed as the CD player scans the contents of a disc, and then the total number of tracks and playing time are shown.

4 Press **PLAY•PAUSE ▶II** (on the remote control ▶) to start playback.
➜ Current track number and elapsed playing time of the track are displayed during disc playback.

5 To interrupt playback press **PLAY•PAUSE ▶II** (on the remote control SIDE/**II**). Press **PLAY•PAUSE ▶II** (on the remote control ▶) again to resume play.
➜ The display freezes and the elapsed playing time flashes when playback is interrupted.

6 To stop disc playback, press **STOP ■**.

Note: CD play will also stop when;
– the CD door is opened.
– the disc has reached the end.
– you select another source:TAPE,TUNER or AUX.
– you select to standby.
– you press the tape deck PLAY ▶ key.

Selecting a different track

- Press **PREV ⏮** or **NEXT ⏭** on the system, (on the remote control ⏮ or ⏭) once or repeatedly until the desired track number appears in the display.
- If you have selected a track number shortly after loading a disc or in the PAUSE position, you will need to press **PLAY•PAUSE ▶II** (on the remote control ▶) to start playback.

Finding a passage within a track

1 Press and hold down on **PREV ⏮** or **NEXT ⏭**.
➜ The disc is played at high speed and low volume.

2 When you recognize the passage you want, release **PREV ⏮** or **NEXT ⏭**.
➜ Normal playback continues.

Note:
– During a disc program or if SHUFFLE/ REPEAT active, searching is only possible within the same track.

Compact Disc

Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback. The play modes can also be combined with PROGRAM.

SHUFFLE ..... tracks of the entire disc/ program are played in random order
SHUFFLE and REPEAT ALL…to repeat the entire disc/ program continuously in random order
REPEAT ALL ... repeats the entire disc/ program
REPEAT ..... plays the current track continuously

1 To select your play mode, press the **SHUFFLE** or **REPEAT** button before or during playback until the display shows the desired function.

2 Press **PLAY•PAUSE ▶II** (on the remote control ▶) to start playback if in the STOP position.
➜ If you have selected SHUFFLE, playback starts automatically.

3 To return to normal playback, press the respective **SHUFFLE** or **REPEAT** button until the various SHUFFLE/ REPEAT modes are no longer displayed.
- You can also press **STOP ■** to cancel your play mode.

Programming track numbers

Program in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

1 Press **PROGRAM** on the system or remote control to enter the programming mode.
➜ A track number is shown and **PROGRAM** flashes.

2 Use the **PREV ⏮** or **NEXT ⏭** on the system, (on the remote control ⏮ or ⏭) to select your desired track number.

3 Press **PROGRAM** to confirm the track number to be stored.
➜ The number of tracks programmed and total playing time of the program is shown briefly, then the selected track and PROG.

4 Repeat steps **2-3** to select and store all desired tracks.
➜ FULL is displayed if you attempt to program more than 20 tracks.

5 To start playback of your disc program, press **PLAY•PAUSE ▶II** (on the remote control ▶).

Reviewing the program

In STOP mode, press and hold down **PROGRAM** on the system or remote control, for a while until the display shows all your stored track numbers in sequence.

Erasing the program

You can erase the program by:

- pressing **STOP ■** once in the STOP mode;
- pressing **STOP ■** twice during playback;
- opening the CD compartment;
➜ **PROGRAM** disappears from the display.

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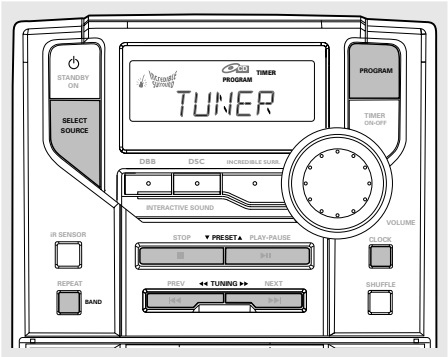
English



Tuning to radio stations

1 Select **TUNER** source.
➜ TUNER is displayed briefly.

2 Press **BAND** once or more to select your waveband.

3 Press down on **TUNING** ◀◀ or ▶▶ and release button.
➜ The radio automatically tunes to a station with sufficient reception. Display indication during automatic tuning: SEARCH.
➜ If a FM station is received in stereo, **STEREO** is shown.

4 Repeat step **3** if necessary until you find the desired station.

- To tune to a weak station, press **TUNING** ◀◀ or ▶▶ briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 40 radio stations in the memory.

Automatic programming

Automatic programming will start with a chosen preset number. From this preset number upwards, former programmed radio stations will be overridden. The system will only program stations which are not in the memory already.

1 Press **PRESET** ▼ or ▲ (⏮ or ⏭ on the remote control) to select the preset number where programming should start.

Note:
– If no preset number is selected, default is preset (1) and all your presets will be overridden.

2 Press **PROGRAM** on the system or remote control for more than 2 seconds to activate programming.
➜ AUTO is displayed and available stations are programmed in order of waveband reception strength: FM followed by AM. The last preset automatically stored will then be played.

Manual programming

1 Tune to your desired station (see Tuning to radio stations).

2 Press **PROGRAM** on the system or remote control to activate programming.
➜ **PROGRAM** flashes in the display.

3 Press **PRESET** ▼ or ▲ (⏮ or ⏭ on the remote control) to allocate a number from 1 to 40 to this station.

4 Press **PROGRAM** again to confirm the setting.
➜ **PROGRAM** disappears, the preset number and the frequency of the preset station are shown.

5 Repeat the above four steps to store other stations.

- You can override a preset station by storing another frequency in its place.

Tuning to preset stations

- Press **PRESET** ▼ or ▲ (⏮ or ⏭ on the remote control) until the desired preset station is displayed.

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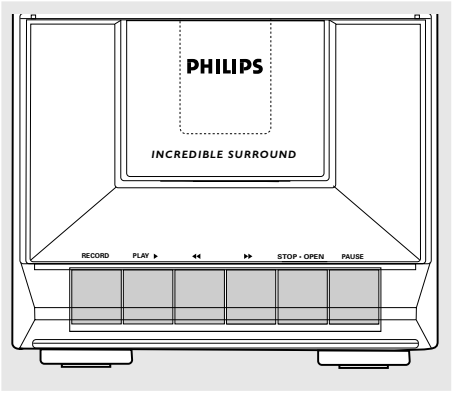
English

Tape Recorder



Tape playback

1 Select **TAPE** source.
➜ The display shows TAPE throughout tape operation.

2 Press **STOP•OPEN** to open the tape door.

3 Insert a recorded tape and close the tape door.
- Load the tape with the open side downward and the full spool to the left.

4 Press **PLAY** ▶ to start playback.

5 To interrupt playback press **PAUSE**. To resume, press this key again.

6 By pressing ◀◀ or ▶▶ on the system fast winding of tape is possible in both directions.

7 To stop the tape, press **STOP•OPEN**.

- The keys are automatically released at the end of the tape, except if PAUSE has been activated.

Note:
– The sound source cannot be changed while playing or recording a tape.

General Information on Recording

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- For recording, use only NORMAL (IEC type I) tapes on which the tabs have not yet been broken. This deck is not suited for recording on METAL (IEC IV) type tapes.
- The best recording level is set automatically. Altering the VOLUME, INCREDIBLE SURROUND, DBB or INTERACTIVE SOUND controls will not affect the recording in progress.
- At the very beginning and end of the tape, no recording will take place during the 7 seconds when the leader tape passes the recorder heads.
- To protect a tape from accidental erasure, have the tape in front of you and break out the left tab. Recording on this side is no longer possible. If, however, you wish to record over this side again, cover the tabs with a piece of adhesive tape.

Synchro Start CD recording

1 Select **CD** source.

2 Insert a disc and if desired, program track numbers.

3 Press **STOP•OPEN** to open the tape door.

4 Insert a suitable tape into the deck and close the tape door.

5 Press **RECORD** to start recording.
➜ Playing of the disc program starts automatically from the beginning of the disc/program after 7 seconds. It is not necessary to start the CD player separately.

To select and record a particular passage within a track:
- Press and hold down on **PREV** ⏮ or **NEXT** ⏭ (on the remote control ◀◀ or ▶▶).
- When you recognize the passage you want, release **PREV** ⏮ or **NEXT** ⏭.
- To interrupt disc playback press **PLAY•PAUSE** ⏯ (on the remote control SIDE/⏸).
- Recording will begin from this exact point in the track when you press **RECORD**.

6 For brief interruptions during recording, press **PAUSE**. To resume recording, press **PAUSE** again.

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7 To stop recording, press **STOP•OPEN**.

Recording from the Radio

1 Tune to the desired radio station (see Tuning to radio stations).

2 Press **STOP•OPEN** to open the tape door.

3 Insert a suitable tape into the deck and close the tape door.

4 Press **RECORD** to start recording.

5 For brief interruptions, press **PAUSE**. To resume recording, press **PAUSE** again.

6 To stop recording, press **STOP•OPEN**.

Recording from AUX

1 Select **AUX** source.

2 If necessary, prepare the additional appliance for recording.

3 Press **RECORD** to start recording.

Cleaning the Cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs

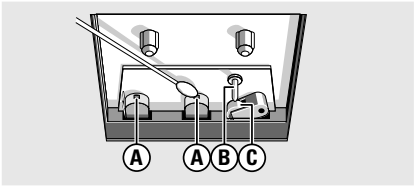
- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog records.

Cleaning the disc lens

- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

Cleaning the Heads and the Tape Paths

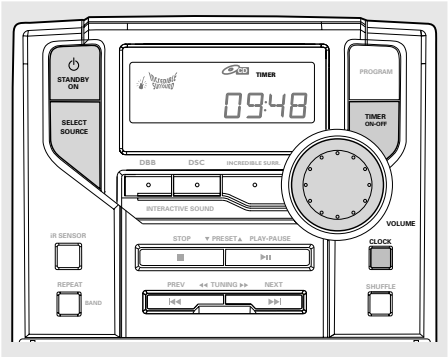
- To ensure good recording and playback quality, clean the heads (A), the capstan(s) (B), and pressure roller(s) (C) after every 50 hours of tape operation.
- Use a cotton swab slightly moistened with cleaning fluid or alcohol.
- You can also clean the heads by playing a cleaning tape once.



Demagnetizing the heads

- Use a demagnetizing tape available at your dealer.

Clock/Timer



Setting the clock

1 In standby, press **CLOCK**.
➜ The clock digits for the hours flash.

2 Turn **VOLUME** to set the hours: clockwise for hours up; anti-clockwise for hours down.

3 Press **CLOCK** again.
➜ The clock digits for the minutes flash.

4 Turn **VOLUME** to set the minutes: clockwise for minutes up; anti-clockwise for minutes down.

5 Press **CLOCK** to confirm the time.

Setting TIMER

- The system can be used as an alarm clock, whereby the CD or TUNER is switched on at a set time. The clock time needs to be set first before the timer can be used.
- During setting, if no button is pressed within 90 seconds, the system will exit timer setting mode automatically.

1 In any mode, press **TIMER ON•OFF** for more than 2 seconds.

2 Turn **VOLUME** clockwise (or press **SELECT SOURCE**) to select sound source.

3 Press **TIMER ON•OFF** to confirm your desired mode.
➜ The selected source CD or TUNER is shown. The clock digits for the hours flash.

4 Turn **VOLUME** to set the hours: clockwise for hours up; anti-clockwise for hours down.

5 Press **TIMER ON•OFF** again.
➜ The clock digits for the minutes flash.

6 Turn **VOLUME** to set the minutes: clockwise for minutes up; anti-clockwise for minutes down.

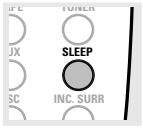
7 Press **TIMER ON•OFF** to confirm the time.
➜ The timer is now set and activated.

Activating and deactivating TIMER

- In standby or during playback, press **TIMER ON•OFF** on the system once (**TIMER** on the remote control).
➜ Display shows **TIMER** if activated, and disappears if deactivated.

Activating and deactivating SLEEP

The sleep timer enables the system to switch off by itself after a set period of time. The clock time needs to be set first before the sleep timer can be used.



- Press **SLEEP** on the remote control once or more.
➜ Display shows SLEEP and one of the sleep time options in sequence: 60, 45, 30, 15, SLEEP OFF, 60... if you have selected a time. Once SLEEP is activated, SLEEP ON scrolls across the display at repeated intervals.
- To deactivate, press **SLEEP** on the remote control once or more until SLEEP OFF is shown, or press **STANDBY ON** on the system or remote control.
➜ SLEEP OFF scrolls across the display.

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Specifications

English

AMPLIFIER

Output power ..... 2 x 5 W RMS
Signal-to-noise ratio ..... ≥ 65 dBA (IEC)
Frequency response ..... 40 – 20000 Hz, ± 3 dB
Input sensitivity AUX ..... 0.5 V (max. 2 V)
Impedance loudspeakers ..... 8 Ω
Impedance headphones ..... 32 Ω -1000 Ω

CD PLAYER

Frequency range ..... 20 – 20000 Hz
Signal-to-noise ratio ..... 75 dBA

TUNER

FM wave range ..... 87.5 – 108 MHz
AM wave range ..... 530 – 1700 kHz
Sensitivity at 75 Ω
– mono, 26 dB signal-to-noise ratio ..... 2.8 µV
– stereo, 46 dB signal-to-noise ratio ..... 61.4 µV
Selectivity ..... ≥ 28 dB
Total harmonic distortion ..... ≤ 5%
Frequency response ..... 63 – 12500 Hz (± 3 dB)
Signal-to-noise-ratio ..... ≥ 50 dBA

TAPE DECK

Frequency response
Normal tape (type I) ... 120 – 10000 Hz (8 dB)
Signal-to-noise ratio
Normal tape (type I) ..... 48 dBA
Wow and flutter ..... ≤ 0.4% DIN

SPEAKERS

Bass reflex system
Dimensions (w x h x d) . 155 x 220 x 220 (mm)
..... 6.10 x 8.66 x 8.66 (inch)

GENERAL INFORMATION

AC Power ..... 120 V / 60 Hz
Dimensions (w x h x d) .. 140 x 223 x 253 (mm)
..... 5.51 x 8.78 x 9.96 (inch)
Weight (with/without speakers) .....
..... approx. 6.0 / 2.8 kg
..... approx. 13.2 / 6.16 pound
Standby power consumption ..... < 3 W

Subject to modification

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English

Troubleshooting

WARNING

Do not open the system as there is a risk of electric shock! Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty

- If a fault occurs, first check the points listed below before taking the system for repair.
- If you are unable to remedy a problem by following these hints, consult your dealer or service center.

Symptom	Remedy
CD PLAYER OPERATION	
"NO DISC" is displayed.	● Check if the disc is inserted upside down. ● Wait until the moisture condensation at the lens has cleared. ● Use a finalized CD-R(W). ● Replace or clean the disc, see Maintenance.
RADIO RECEPTION	
Poor radio reception.	● The signal is too weak, adjust the antenna or connect an external antenna for better reception. ● Increase the distance from TV or VCR.
TAPE DECK OPERATION	
Recording or playback cannot be made.	● Clean deck parts, see Maintenance. ● Use only NORMAL (IEC I) tape for recording. ● Apply a piece of adhesive tape over the missing tab space.
GENERAL	
Does not react when any buttons is pressed.	● Press STANDBY ON to switch off the system. Remove the AC power plug from the wall outlet, then reconnect the power plug and switch on the system again.
No or poor sound.	● Adjust the volume. ● Disconnect the headphones. ● Check that the speakers are connected correctly. ● Check if the stripped speaker wire is clamped.
Reversed left and right sound.	● Check the speaker connections and location.
Remote control does not function properly.	● Select the source (CD, TUNER, etc.) before pressing the function button (▶, ⏮, ⏭, etc.). ● Reduce the distance to the system. ● Insert the batteries with their polarities (+/− signs) as indicated. ● Replace the batteries.
Timer is not working.	● Set the clock. ● Press TIMER ON•OFF to switch on the timer. ● If recording is in progress, stop recording.

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LIMITED WARRANTY

AUDIO SYSTEM

One Year Free Labor
One Year Free Service on Parts
This product must be carried in for repair.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For one year thereafter,* all parts will be repaired or replaced, and labor is free. After one year from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.
All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product that is used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Take the product to a Philips factory service center (see enclosed list) or authorized service center for repair. When the product has been repaired, you must pick up the unit at the center. Centers may keep defective parts.
(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-363 7278 (English Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips Service Solutions Group, P.O. Box 2976, Longview, Texas 75606, USA, (903) 242-4800

EL4965E006 / MAC 4110 / 12-98

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